

ORDINANCE NO. 1669

**AN ORDINANCE AMENDING TITLE 178 BUILDING AND PROPERTY
REGULATIONS, OF THE MUNICIPAL CODE OF THE CITY OF ANKENY, IOWA,
BY ADOPTING THE 2009 UNIFORM PLUMBING CODE WITH AMENDMENTS**

WHEREAS, the City Council of the City of Ankeny, Iowa desires to continue to protect life, safety and property through the adoption and enforcement of construction codes, and to establish the minimum standards to safeguard life or limb, health, property and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation and maintenance or use of plumbing equipment and systems;

WHEREAS, the Council now deems it appropriate to revise the Municipal Code by adopting the latest edition of the Uniform Plumbing Code.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ANKENY, IOWA:

1. That Chapter 178 of the Municipal Code of the City of Ankeny, Iowa, the Plumbing Regulations be repealed and there be enacted in lieu thereof the following Chapter;

CHAPTER 178 PLUMBING CODE

Section Number	Title	UPC Section
178.01	Short Title	
178.02	Adoption of Plumbing Code	
178.03	Amendments, modification, additions and deletions	
178.04	Deletions	
178.05	Conflicts	
178.06	Title	101.1
178.07	Duties and Powers of the Authority Having Jurisdiction	102.2
178.08	Violations and Penalties	102.3
178.09	Licensing	103.1.3
178.10	Expiration	103.3.4
178.11	Permit Fees	103.4.1
178.12	Plan Review Fees	103.4.2
178.13	Fee Refunds	103.4.5
178.14	Minimum Number of Required Fixtures	412
178.14	Table 412 Minimum Plumbing Facilities	Table 412
178.15	Drinking Fountains	412.5
178.16	Emergency Showers and Eyewash Stations	412.6

178.17	Substitution for Water Closets	412.7
178.18	Approved Backflow Prevention Assembly for Containment	603.1.1
178.19	Material (underground copper)	604.2.1
178.20	Drainage of Fixtures Located Below the Next Upstream Manhole or Below the Sewer Main	710.1
178.21	Size of Building Sewers	717.1
178.22	Domestic Dishwashing Machine	807.4
178.23	Frost or Snow Closure	906.7
178.24	Vents Required (future)	901.1.1
178.25	Horizontal Lengths of Trap Arms	Table 10-1
178.26	Grease Interceptors	1014
178.27	General – Fuel Gas Piping	1202.1
178.28	Gray Water Systems – General	Chapter 16 Part I

178.01 SHORT TITLE. This chapter shall be known as the Ankeny Plumbing Code, and may be cited as such, and may be referred to herein as this chapter

178.02 ADOPTION OF PLUMBING CODE. The *Uniform Plumbing Code 2009 Edition*; published by the International Association of Plumbing and Mechanical Officials, is adopted in full except for such portions as may be hereinafter deleted, modified or amended. An official copy of the *Uniform Plumbing Code 2009 Edition*, as adopted, and a certified copy of this chapter are on file in the office of the City Clerk.

178.03 AMENDMENTS, MODIFICATIONS, ADDITIONS AND DELETIONS. The *Uniform Plumbing Code, 2009 Edition* (hereinafter known as the UPC), is amended as hereinafter set out in Sections 178.04 through 178.28.

178.04 DELETIONS. The following are deleted from the UPC and are of no force or effect in this chapter:

Table 1-1 Plumbing Permit Fees, Subsection 103.5.5.2 Moved Structures.

178.05 CONFLICTS. In the event there are requirements of this code that conflict with applicable State and Federal requirements, the more stringent shall apply.

178.06 SUBSECTION 101.1 AMENDED - - TITLE. Subsection 101.1, Title, of the UPC is hereby deleted and there is enacted in lieu thereof the following subsection:

Subsection 101.1 Title. These regulations shall be known as the Ankeny Plumbing Code, hereinafter known as “this code.”

178.07 SUBSECTION 102.2 ADDITION - - DUTIES AND POWERS OF THE AUTHORITY HAVING JURISDICTION. Subsections 102.2, Duties and Powers of the Authority Having Jurisdiction, of the UPC, is hereby amended by adding the following paragraphs to said subsection:

Building and Zoning Administrator The Building and Zoning Administrator and his or her representatives or designees, who are herewith delegated the same powers, authorities, duties and responsibilities as designated for the authority having jurisdiction.

Building & Zoning Administrator There is also hereby established the position of Building & Zoning Administrator, who shall be designated by the Planning & Building Director and when so appointed, shall be responsible for the enforcement of this code. The Building & Zoning Administrator shall have authority to file a complaint in any court of competent jurisdiction charging a person with the violation

of this title. The Building and Zoning Administrator shall have whatever additional duties the Planning & Building Director may prescribe.

178.08 SUBSECTION 102.3 AMENDED - - VIOLATION AND PENALTIES. Subsection 102.3, Violation and penalties of the UPC is hereby amended by deleting said subsection and inserting in lieu thereof the following:

Subsection 102.3 Violation penalties Any person who violates a provision of this code or fails to comply with any of the requirements thereof or who erects, installs, alters or repairs plumbing work in violation of the approved construction documents or directive of the code official, or of a permit issued under the provisions of this code, shall be subject to penalties as prescribed by law.

178.09 SUBSECTION 103.1.3 AMENDED - - LICENSING Subsection 103.1.3 Licensing, of the UPC is hereby amended by adding the following:

Subsection 103.1.3 Licensing and permit acquisition

1. Permits are not transferable. Plumbing work performed under the provisions of this chapter must be done by a contractor meeting the licensing provisions as set forth by the State of Iowa Plumbing and Mechanical Systems Board in accordance with Iowa Code Chapter 105. A plumber licensed by the State of Iowa Plumbing and Mechanical Systems Board as a "Master" may sign and obtain a permit for the contractor for which they are employed only when said "Master" has provided proof of employment by said licensed contractor. Any permit required by the provisions of this code may be revoked by the Building Official upon the violation of any provision of this code.
2. A State of Iowa licensed Plumbing contractor shall be allowed only to secure permits for himself or herself, or for a single firm or corporation. When a State of Iowa licensed Plumbing contractor has secured such a permit, only the employees of such contractor when meeting the provisions of Iowa Code Chapter 105 shall perform the work for which the permit was obtained.
3. For purposes of this section, an "employee" shall be one employed by the contractor, firm or corporation for a wage or salary. A contractor may be required by the Building Official to show positive evidence as to the employee status of workers on the job. Such evidence shall be in the form of payroll and time records, canceled checks, or other such documents.
4. The contractor may also be required to show the agreement or contract pertaining to the work being questioned as evidence that said contractor is, in fact, the actual contractor for such work. Failure or refusal by the contractor to make available such employee or contractual records within 24 hours from demand therefore shall be grounds for immediate revocation of any permit for the work in question.
5. Homeowners (owner/occupants) qualifying for the homestead tax exemption may acquire permits for their principal residence (not an apartment) and appurtenant accessory structures for plumbing work, not to include connection within the public right-of-way to the public main of sewer, water and storm lines, after having passed the Ankeny Plumbing Homeowner's exam.

178.10 SUBSECTION 103.3.4 AMENDED - - EXPIRATION. Subsection 103.3.4 Expiration, of the UPC is hereby amended by deleting said subsection and inserting in lieu thereof the following:

Subsection 103.3.4 12 Month Expiration Every permit issued under the provisions of this Code shall expire twelve (12) months from the date of issue, unless the application is accompanied by a construction schedule of specific longer duration, in which instance the permit may be issued for the term of the construction schedule, with approval of the code official. If the work has not been completed by the expiration date of the permit, no further work shall be done until the permit shall have been renewed by the owner or his or her agent and by payment of the renewal fee as established by resolution of the City Council, and provided no changes have been made in plans or location. Upon approval, permits may be extended for no more than two periods not exceeding 180 days each.

178.11 SUBSECTION 103.4.1 AMENDED - - PERMIT FEES. Subsection 103.4.1, Permit Fees of the UPC is hereby amended by deleting said subsection and inserting in lieu thereof the following:

Subsection 103.4.1 Fee schedule Permits shall not be issued until the fees, as set forth and established by resolution of the City Council, have been paid to the City of Ankeny. An amended permit or a supplemental permit for additional construction shall not be issued until the permit fee(s) for the additional work has been paid.

178.12 SUBSECTION 103.4.2 AMENDED- - PLAN REVIEW FEES. Subsection 103.4.2, Plan review fees of the UPC is hereby amended by deleting the last sentence of said subsection and inserting in lieu thereof the following:

Subsection 103.4.2 Plan review fees When plans are incomplete or changed so as to require additional review, a fee shall be charged as prescribed by Council resolution.

178.13 SUBSECTION 103.4.5 AMENDED- - FEE REFUNDS. Subsection 103.4.5, Fee refunds of the UPC is hereby amended by deleting said subsection and inserting in lieu thereof the following:

Subsection 103.4.5 Fee refunds The code official is authorized to establish a refund policy in accordance with City policy.

178.14 SECTION 412 AMENDED - - MINIMUM NUMBER OF REQUIRED FIXTURES AND TABLE 4-1 MINIMUM PLUMBING FACILITIES. Section 412 Minimum Number of Required Fixtures and Table 4-1 minimum Plumbing Facilities, of the UPC are hereby amended by deleting said section and Table and inserting in lieu thereof the following:

Note: The following table and text are as published in Chapter 4 of the *2009 International Plumbing Code* and Chapter 29 of the *2009 International Building Code*. The sections are renumbered so as to be in sequence with the adoption of this code and followed with (IBC/IPC) or (IPC) as appropriate.

MINIMUM PLUMBING FACILITIES (IBC/IPC)

412.1 Minimum number of fixtures. (IBC/IPC)

Plumbing fixtures shall be provided for the type of occupancy and in the minimum number shown in the following Table 412. Types of occupancies not shown in the following Table shall be considered individually by the building official. The number of occupants and occupancy classifications shall be determined by the International Building Code.

412.1.1 Fixture calculations. (IBC/IPC)

To determine the occupant load of each sex, the total occupant load shall be divided in half. To determine the required number of fixtures, the fixture ratio or ratios for each fixture type shall be applied to the occupant load of each sex in accordance with Table 412. Fractional numbers resulting from applying the fixture ratios of Table 412 shall be rounded up to the next whole number. For

calculations involving multiple occupancies, such fractional numbers for each occupancy shall first be summed and then rounded up to the next whole number.

Exception: The total occupant load shall not be required to be divided in half where approved statistical data indicate a distribution of the sexes of other than 50 percent of each sex.

412.1.2 Family or assisted use toilet and bath fixtures. (IBC/IPC)

Fixtures located within family or assisted use toilet and bathing rooms required by IBC Section 1109.2.1 are permitted to be included in the number of required fixtures for either the male or female occupants in assembly and mercantile occupancies.

412.2 Separate facilities. (IBC/IPC)

Where plumbing fixtures are required, separate facilities shall be provided for each sex.

Exceptions:

1. Separate facilities shall not be required for dwelling units and sleeping units .
2. Separate facilities shall not be required in structures or tenant spaces with a total occupant load , including both employees and customers, of 15 or less.
3. Separate facilities shall not be required in mercantile occupancies in which the maximum occupant load is 50 or less.

412.3 Required public toilet facilities. (IBC/IPC)

Customers, patrons and visitors shall be provided with public toilet facilities in structures and tenant spaces intended for public utilization. The number of plumbing fixtures located within the required toilet facilities shall be provided in accordance with Section 412.1 for all users. Employees shall be provided with toilet facilities in all occupancies. Employee toilet facilities shall either be separate or combined employee and public toilet facilities.

Table 412
MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES^a (IBC/IPC)

No	Classification	Occupancy	Description	Water Closets (Urinals, See Sec 419.2)		Lavatories		Bathtub/ Showers	Drinking Fountains ^{e,f} (See Sec 410.1)	Other
				Male	Female	Male	Female			
1	Assembly	A-1 ^d	Theaters and other buildings for the performing arts and motion pictures	1 per 125	1 per 65	1 per 200		-	1 per 500	1 service sink
		A-2 ^d	Nightclubs, bars, taverns, dance halls and buildings for similar purposes	1 per 40	1 per 40	1 per 75		-	1 per 500	1 service sink
			Restaurants, banquet halls and food courts	1 per 75	1 per 75	1 per 200		-	1 per 500	1 service sink
		A-3 ^d	Auditoriums without permanent seating, art galleries, exhibition halls, museums, lecture halls, libraries, arcades and gymnasiums	1 per 125	1 per 65	1 per 200		-	1 per 500	1 service sink
			Passenger terminals and transportation facilities	1 per 500	1 per 500	1 per 750		-	1 per 1,000	1 service sink
			Places of worship and other religious services	1 per 150	1 per 75	1 per 200		-	1 per 1,000	1 service sink
		A-4	Coliseums, arenas, skating rinks, pools and tennis courts for indoor sporting events and activities	1 per 75 for the first 1,500 and 1 per 120 for the remainder exceeding 1,500	1 per 40 for the first 1,520 and 1 per 60 for the remainder exceeding 1,520	1 per 200	1 per 150	-	1 per 1,000	1 service sink
		A-5	Stadiums, amusement parks, bleachers and grandstands for outdoor sporting events and activities	1 per 75 for the first 1,500 and 1 per 120 for the remainder exceeding 1,500	1 per 40 for the first 1,520 and 1 per 60 for the remainder exceeding 1,520	1 per 200	1 per 150	-	1 per 1,000	1 service sink
2	Business	B	Buildings for the transaction of business, professional services, other services involving merchandise, office buildings, banks, light industrial and similar uses	1 per 25 for the first 50 and 1 per 50 for the remainder exceeding 50		1 per 40 for the first 80 and 1 per 80 for the remainder exceeding 80		-	1 per 100	1 service sink
3	Educational	E	Educational Facilities	1 per 50		1 per 50		-	1 per 100	1 service sink
4	Factory and Industrial	F-1 and F-2	Structures in which occupants are engaged in work fabricating, assembly or processing of products or materials	1 per 100		1 per 100		(See Sec 411)	1 per 400	1 service sink
5	Institutional	I-1	Residential Care	1 per 10		1 per 10		1 per 8	1 per 100	1 service sink
		I-2	Hospitals, ambulatory nursing home patients ^b	1 per room ^c		1 per room ^c		1 per 15	1 per 100	1 service sink
			Employees other than residential care ^b	1 per 25		1 per 35		-	1 per 100	1 service sink
			Visitors other than residential care	1 per 75		1 per 100		-	1 per 500	1 service sink
		I-3	Prisons ^b	1 per cell		1 per cell		1 per 15	1 per 100	1 service sink
			Reformatories, detention centers, and correctional centers ^b	1 per 15		1 per 15		1 per 15	1 per 100	1 service sink
			Employees ^b	1 per 25		1 per 35		-	1 per 100	-
6	Mercantile	M	Retail stores, service stations, shops, salesrooms, markets and shopping centers	1 per 500		1 per 750		-	1 per 1,000	1 service sink
			Adult day care and child care	1 per 15		1 per 15		1	1 per 100	1 service sink
7	Residential	R-1	Hotels, motels, boarding houses (transient)	1 per sleeping unit		1 per sleeping unit		1 per sleeping unit	-	1 service sink
		R-2	Dormitories, fraternities, sororities and boarding houses (not transient)	1 per 10		1 per 10		1 per 8	1 per 100	1 service sink
			Apartment House	1 per dwelling unit		1 per dwelling unit		1 per dwelling unit	-	1 kitchen sink per dwelling unit; 1 automatic clothes washer connection per 20 dwelling units
				1 per dwelling unit		1 per dwelling unit		1 per dwelling unit	-	1 kitchen sink per dwelling unit; 1 automatic clothes washer connection per dwelling unit
		R-3	One- and two-family dwellings	1 per dwelling unit		1 per dwelling unit		1 per dwelling unit	-	1 kitchen sink per dwelling unit; 1 automatic clothes washer connection per dwelling unit
			Congregate living facilities with 16 or fewer persons	1 per 10		1 per 10		1 per 8	1 per 100	1 service sink
		R-4	Residential care/assisted living facilities	1 per 10		1 per 10		1 per 8	1 per 100	1 service sink
8	Storage	S-1 S-2	Structures for the storage of goods, warehouses, storehouses and freight depots. Low and Moderate Hazard.	1 per 100		1 per 100		See Sec 411	1 per 1,000	1 service sink

- a. The fixtures shown are based on one fixture being the minimum required for the number of persons indicated or any fraction of the number of persons indicated. The number of occupants shall be determined by International Building Code.
- b. Toilet facilities for employees shall be separate from facilities for inmates or patients.
- c. A single-occupant toilet room with one water closet and one lavatory serving not more than two adjacent patient sleeping units shall be permitted where such room is provided with direct access from each patient sleeping unit and with provisions for privacy.
- d. The occupant load for seasonal outdoor seating and entertainment areas shall be included when determining the minimum number of facilities required.
- e. The minimum number of required drinking fountains shall comply with Table 412.1 and Chapter 11 of the IBC.
- f. Drinking fountains are not required for an occupant load of 15 or fewer.

412.3.1 Access. (IBC/IPC)

The route to the public toilet facilities required by Section 412.3 shall not pass through kitchens, storage rooms or closets. Access to the required facilities shall be from within the building or from the exterior of the building. All routes shall comply with the accessibility requirements of the International Building Code. The public shall have access to the required toilet facilities at all times that the building is occupied.

412.3.2 Location of toilet facilities in occupancies other than covered mall buildings. (IBC/IPC)

In occupancies other than covered mall buildings, the required public and employee toilet facilities shall be located not more than one story above or below the space required to be provided with toilet facilities and the path of travel to such facilities shall not exceed a distance of 500 feet (152 400 mm).

Exception: The location and maximum travel distances to required employee facilities in factory and industrial occupancies are permitted to exceed that required by this section, provided that the location and maximum travel distance are approved.

412.3.3 Location of toilet facilities in covered mall buildings. (IBC/IPC)

In covered mall buildings, the required public and employee toilet facilities shall be located not more than one story above or below the space required to be provided with toilet facilities, and the path of travel to such facilities shall not exceed a distance of 300 feet (91 440 mm). In covered mall buildings, the required facilities shall be based on total square footage, and facilities shall be installed in each individual store or in a central toilet area located in accordance with this section. The maximum travel distance to the central toilet facilities in covered mall buildings shall be measured from the main entrance of any store or tenant space. In covered mall buildings, where employees' toilet facilities are not provided in the individual store, the maximum travel distance shall be measured from the employees' work area of the store or tenant space.

412.3.4 Pay facilities. (IBC/IPC)

Where pay facilities are installed, such facilities shall be in excess of the required minimum facilities. Required facilities shall be free of charge.

412.4 Signage. (IBC/IPC)

A legible sign designating the sex shall be provided in a readily visible location near the entrance to each toilet facility. Signs for accessible toilet facilities shall comply with ICC A117.1.

412.4.1 Directional signage. (IBC/IPC)

Directional signage indicating the route to the public facilities shall be posted in accordance with Section 3107. Such signage shall be located in a corridor or aisle, at the entrance to the facilities for customers and visitors.

178.15 SUBSECTION 412.5 ADDITION - - DRINKING FOUNTAINS. Subsection 412.5 Drinking Fountains, of the UPC is hereby established by adding the following subsection:

412.5 Drinking Fountains (IPC)

412.5.1 Approval. (IPC)

Drinking fountains shall conform to ASME A112.19.1M, ASME A112.19.2M or ASME A112.19.9M and water coolers shall conform to ARI 1010. Drinking fountains and water coolers shall conform to NSF 61, Section 9. Where water is served in restaurants, drinking fountains shall not be required. In other occupancies, where drinking fountains are required, water coolers or bottled water dispensers shall be permitted to be substituted for not more than 50 percent of the required drinking fountains.

412.5.2 Prohibited location. (IPC)

Drinking fountains, water coolers and bottled water dispensers shall not be installed in public restrooms.

178.16 SUBSECTION 412.6 ADDITION - - EMERGENCY SHOWERS AND EYEWASH STATIONS. Subsection 412.6 Emergency Showers and Eyewash Stations, of the UPC is hereby established by adding the following subsection:

412.6 Emergency Showers and Eyewash Stations (IPC)

412.6.1 Approval. (IPC)

Emergency showers and eyewash stations shall conform to ISEA Z358.1.

412.6.2 Waste connection. (IPC)

Waste connections shall not be required for emergency showers and eyewash stations.

178.17 SUBSECTION 412.7 ADDITION - - SUBSTITUTION FOR WATER CLOSETS. Subsection 412.7 Substitution for Water Closets, of the UPC is hereby established by adding the following subsection:

412.7 Substitution for water closets. (IPC)

In each bathroom or toilet room, urinals shall not be substituted for more than 67 percent of the required water closets in assembly and educational occupancies. Urinals shall not be substituted for more than 50 percent of the required water closets in all other occupancies.

178.18 SUBSECTION 603.1 ADDITION - - APPROVED BACKFLOW PREVENTION ASSEMBLY FOR CONTAINMENT. Subsection 603.1.1 Approved Backflow Prevention Assembly for Containment, of the UPC is hereby established by adding the following section and Table:

Subsection 603.1.1 Approved Backflow Prevention Assembly for Containment Approved backflow prevention assembly for containment means a backflow prevention assembly which is approved by the University of Southern California Foundation for Cross-Connection Control and Hydraulic Research. The approval listing shall include the limitations of use based on the degree of hazard. The backflow prevention assembly shall also be listed by the International Association of Plumbing and Mechanical Officials (IAPMO) or by the American Society of Sanitary Engineering (ASSE) as having met the requirements of one of the standards listed below:

Standard	Product Covered
ANSI/ASSE* 1013-2009	Reduced Pressure Principle Backflow Preventers
ANSI/ASSE* 1015-2009	Double Check Backflow Prevention Assembly
ANSI/ASSE* 1047-2009	Reduced Pressure Detector Backflow Preventer
ANSI/ASSE* 1048-2009	Double Check Detector Assembly Backflow Preventer
ANSI/AWWA†C510	Double Check Valve Backflow Prevention Assembly
ANSI/AWWA†C511	Reduced Pressure Principle Backflow Prevention Assembly

178.19 SECTION 604 ADDITION - - MATERIALS (UNDERGROUND COPPER). Section 604 Materials, of the UPC, is hereby amended by adding the following subsection:

Subsection 604.2.1 Underground Copper Copper tube for underground piping shall have a weight of not less than type K.

178.20 SUBSECTION 710.1 ADDITION - - DRAINAGE OF FIXTURES LOCATED BELOW THE NEXT UPSTREAM MANHOLE OR BELOW THE MAIN SEWER LEVEL Subsection 710.1 Drainage of Fixtures Located Below the Next Upstream Manhole or Below the Main Sewer Level, of the UPC is hereby amended by adding the following to said subsection:

Subsection 710.1 Drainage of Fixtures Located Below the Next Upstream Manhole or Below the Main Sewer Level The requirement for the installation of a backwater valve shall apply only when determined necessary by the code official and city engineer based on local conditions. When a valve is required, it shall be a manually operated gate valve or fullway ball valve. An automatic backwater valve may also be installed but is not required.

178.21 SECTION 717 ADDITION - - SIZE OF BUILDING SEWERS (MINIMUM SIZE). Section 717 Size of Building Sewers, of the UPC, is hereby amended by adding the following subsection:

Subsection 717.1 Minimum Building Sewer Size The minimum diameter for a building sewer shall be four (4) inches.

178.22 SUBSECTION 807.4 AMENDED - - DOMESTIC DISHWASHING MACHINE. Subsection 807.4 Domestic Dishwashing Machine, of the UPC, is hereby amended by deleting said subsection and inserting in lieu thereof the following:

Subsection 807.4 Domestic Dishwashing Machine No domestic dishwashing machine shall be directly connected to a drainage system or food waste disposer without the use of an approved dishwasher air gap fitting on the discharge side of the dishwashing machine, or by looping the discharge line of the dishwasher as high as possible near the flood level of the kitchen sink where the waste disposer is connected. Listed air gap fittings shall be installed with the flood level (FL) marking at or above the flood level of the sink or drainboard, whichever is higher.

178.23 SUBSECTION 906.7 AMENDED - - FROST OR SNOW CLOSURE. Subsection 906.7 Frost or Snow Closure, of the IPC is hereby amended as follows:

Subsection 906.7 Frost or Snow Closure Change “two (2) inches (50.8 mm)” to “three (3) inches (76.2 mm)”.

178.24 SUBSECTION 901.1 ADDITION - - VENTS REQUIRED (FUTURE). Subsection 901.1 Vents Required, of the UPC, is hereby amended by adding the following subsection:

Subsection 903.1.1 Future Vents In every basement in which future fixtures are "roughed-in" there shall be not less than one two (2) inch dry vent pipe installed in close proximity, and accessible to the basement for future use. The piping shall be identified to indicate that the connection is a future vent.

178.25 TABLE 10-1 AMENDED - - HORIZONTAL LENGTHS OF TRAP ARMS

178.25 Table 10-1 Horizontal Lengths of Trap Arms, of the UPC is hereby amended by deleting said table and inserting in lieu thereof the following table:

Table 10-1					
Horizontal Distance of Trap Arms					
Trap Arm Size		Distance Trap to Vent			
		Minimum		Maximum	
Inches	Millimeters	Inches	Millimeters	Feet	Meters
1 ¼	32	2 ½	64	5	1.5
1 ½	40	3	76	6	1.8
2	50	4	102	8	2.4
3	80	6	152	12	3.7
4	100	8	203	12	3.7
>4	>100	2 X Diameter		12	3.7
Slope one-fourth (1/4) inch per foot (20.9 mm/m)					

178.26 SECTION 1014 AMENDED - - GREASE INTERCEPTORS. Section 1014 Grease Interceptors, of the IPC is hereby amended by deleting said subsection and inserting in lieu thereof the following:

Section 1014 Grease Interceptors Grease Interceptors shall comply with the requirements of the adopted Ankeny Ordinance Chapter 101, Regulation Of Fat, Oil And Grease Discharge By Food Service Establishments

178.27 SUBSECTION 1202 ADDITION - - GENERAL. Subsection 1202 General, of the UPC is hereby amended by adding the following subsection:

Subsection 1202.1 Fuel Gas Piping Fuel gas piping shall comply with the requirements of Chapter 12 of the Ankeny Plumbing Code, unless the provisions conflict with 661- Chapter 226, Liquefied Petroleum Gas, Iowa Administrative Code. Where Chapter 12 conflicts with 661- Chapter 226, the provisions of 661 – Chapter 226 shall be followed.

178.28 CHAPTER 16 PART I AMENDED - - GRAY WATER SYSTEMS – GENERAL. 178.28 Chapter 16 Part I - Gray Water Systems – General, of the UPC is hereby amended by deleting said Part I and inserting in lieu thereof the following:

Part I Wastewater intended for use in underground irrigation systems shall be treated in accordance with 567-Chapter69, Private Sewage Disposal Systems. The irrigation shall comply with 567-69.12(455B).

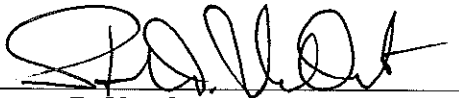
2. Copy. An official copy of the Ankeny Plumbing Code hereby adopted, including a certificate by the City Clerk as to its adoption and the effective date thereof, is on file in the

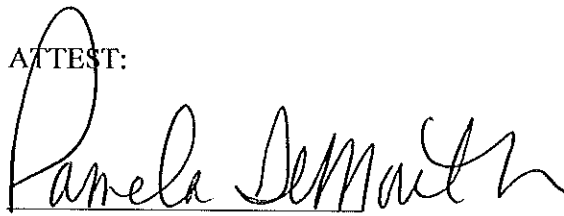
office of the City Clerk in City Hall, and shall be kept there on file and copies shall be available for public inspection.

3. Repeal. All ordinances or parts of ordinances in conflict with the provisions of this ordinance are hereby repealed.

4. Effective date. This ordinance shall be effective August 15, 2010, after its final passage and publication as required by law.

PASSED AND APPROVED this 2nd day of AUGUST, 2010.


Steven D. Van Oort, Mayor

ATTEST:

Pamela DeMouth, City Clerk

**PUBLISHED IN THE
DES MOINES REGISTER
ON THE 6th DAY OF AUGUST, 2010**

**1st Con 7/6/10
2nd Con 7/19/10
3rd Con 8/2/10**